



PYRUVATE KINASE

DETERMINATION OF PYRUVATE KINASE (EC 2.7.1.40) IN SERUM / HEPARINIZED PLASMA OR HAEMOLYSATE

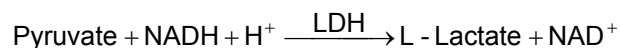
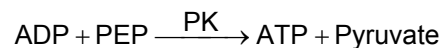
- Enzymatic Method
- Instrument Application Sheets Available
- Use erythrocytes, serum/heparinized plasma
- Also available:
 - Pyruvate Kinase Control, Deficient Level
 - Pyruvate Kinase Control, Normal Level
 - Pyruvate Kinase Control, High Level
- Wavelength 340, 334, 365 nm



Products	Product no.	Quantity
Pyruvate Kinase Reagent Set	2926	24 - 240 tests
Pyruvate Kinase Control Deficient Level	2931	1 x 1 ml
Pyruvate Kinase Control Normal Level	2932	1 x 1 ml
Pyruvate Kinase Control HighLevel	2964	1 x 1 ml
Digitonin Hemolyzing Reagent	2945	1 x 60 ml

SUMMARY

ASSAY PRINCIPLE



HAEMOLYSATE METHOD: recommended procedure

SAMPLE MATERIAL

Whole Blood, collected with EDTA, heparine or CPD.
Stability: 20 days at 2- 6 °C.

LINEARITY

If activities $\Delta\text{O.D.} \geq 0.75 \text{ O.D.} / 6 \text{ minutes}$. Then dilute Haemolysate 2x with Digitonin Hemolyzing Reagent, 2945, (1 part Haemolysate + 1 part Digitonin Hemolyzing Reagent, 2945).

EXPECTED VALUES

Haemolysate: 3.7 – 8.2 Units/gram Hb at 25 °C,
 7.4 – 16.4 Units/gram Hb at 37 °C

It is advisable that each laboratory analyzes own normal values.

SERUM OR PLASMA METHOD:

SAMPLE MATERIAL

Serum or heparinized plasma.
Stability: 20 days at 2 – 6 °C.
Attention: Hemolysate will stong interfere with the test.



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EXPECTED VALUES

Serum or heparinized plasma: < 26 Units/liter at 25°C.
< 50 Units/liter at 37°C.

NOTES

1. For in vitro diagnostic use only.
2. For professional use only.
3. Always contact iNstruChemie for the complete product insert and latest edition.
4. Printed in the Netherlands, PK-summary-290331-1.FEN